App No.: Not Yet Assigned Docket No.: MW Inventor: Philip Borghesani, et al.

Title: METHOD FOR USING HEADER FILES TO CALL A

Docket No.: MWS-093

SHARED LIBRARY FROM A DYNAMIC ENVIRONMENT

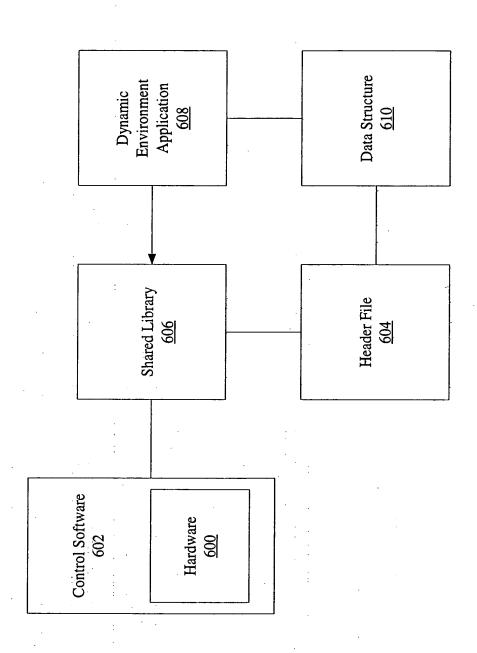
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CPU Display Device <u>502</u> <u>504</u> Keyboard Mouse <u>506</u> <u>508</u> Electronic Device <u>500</u> **Primary Storage** Secondary Storage <u>510</u> <u>512</u> Network Interface <u>514</u> Dynamic Environment 516

FIG. 1

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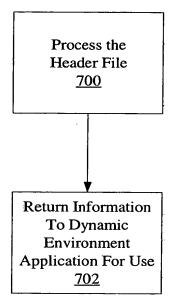


FIG. 3

SHARED LIBRARY FROM A DYNAMIC ENVIRONMENT Sheet 4 of 6 Find And Record All #define Statements <u>720</u> Build A List of **Function** Build Hash Table of Prototypes **Typedef Statements** <u>730</u> <u>722</u> Detect Header File <u>730a</u> Build A Table of Structures 724 Include Parameter Name and Type Information in the Description Track the State of <u>730b</u> #pragma Compiler **Options** 726 Build A Table of enums

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FIG. 4

<u>728</u>

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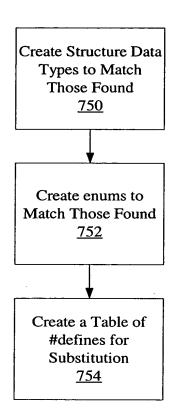


FIG. 5

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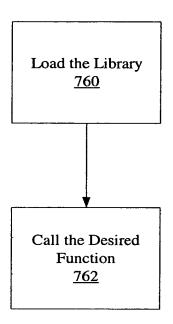


FIG. 6